

ABSTRACT OF THE DISCLOSURE

A period for a long-term exposure signal is discriminated from a period for a short-term exposure signal. Based on a discrimination signal, an AGC gain selector switches a set value for the gain and a knee point selector switches a set value for the knee point, thereby independently controlling the gain and the knee point for each of the long-term exposure signal and the short-term exposure signal.

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1000 500 250 100
100 50 25 10
10 5 2 1